



# *2013 Rescue Week*



At the  
**Connecticut Fire Academy**  
**September 30th-October 4th, 2013**

State of Connecticut  
Department of Emergency Services and Public Protection  
Commission on Fire Prevention and Control  
Connecticut Fire Academy  
[ct.gov/cfpc](http://ct.gov/cfpc)

# Courses

## **Advanced Urban Lead Climber:**

**Thurs – Oct 3<sup>rd</sup> 8:30 AM – 4:30 PM - \$200.00**

**Course # 14200**

This 8 hour class is a continuation of the Two Day Urban Lead Climber course. This course will exercise the skills that are needed in the real world to solve even the most complex rope rescue response. It starts with a strong foundation for critical thinking while on scene. From the initial scene size up, Incident command, pre climb inspection and continuing up-grades to the rescue plan. This includes scenario based training that encourages students to expand their physical and mental limits and meet their capability goals. This training is not for everyone. It is in-depth and challenging. Students are required to meet the challenges individually and working as a team.

## **Advanced Vehicle Extrication:**

**Wed – Oct 2<sup>nd</sup> 8:30 AM – 4:30 PM - \$195.00**

**Course # 14201**

This program is designed to provide the experienced student with realistic scenarios involving different problematic extrications. The objectives of this class are to provide the student with a series of complex vehicle rescue situations that will allow them to use an incident management system along with contemporary extrication and stabilization techniques. Vehicles will be situated in compromising positions so as to provide the students with challenging scenarios. Students must have a working knowledge of vehicle extrication tools and techniques, as instruction on these topics is limited.

## **Basic Rigging, Rigging Hardware, and Equipment Safety:**

**Fri– Oct 4<sup>th</sup> 8:30 AM – 4:30 PM - \$35.00**

**Course # 14212**

Rescue Companies and Search and Rescue Teams are increasingly carrying and using rigging equipment designed for the Crane and Towing/Recovery industries. The improper use and care of this equipment not only increases the chances of a failed operation, it increases the chances of injury or death to the victim and the rescuers. The Crosby Group will present a portion of the training program that covers: risk management and the basic rigging plan; loads on rigging and the rigging triangle; application of hardware; inspection of hardware; application of slings; and the inspection of slings. The afternoon will provide practical evolutions to exercise rigging concepts and the use of the equipment. Any responder who may be called on to utilize wire rope, chain, slings, or the associated hardware should take this training. It could be a life saver.

## **EMS Aspects of Extrication: Fundamentals and Focus:**

**Thurs – Oct 3<sup>rd</sup> 8:00 AM- 4:30 PM - \$95.00**

**Course # 14202**

Good vehicular extrication demands a unique collaboration between rescue and emergency medical personnel. To save a victim (not just chop up a vehicle) you need command, coordination, communication and care. This program connects core principles of extrication with a foundation of field trauma care. Presented in a way that everyone can understand this program delivers patient size-up, incorporation of medical considerations in the extrication approach, detection and management of life threats, basic and advanced assessment, and concerns for special patient populations including geriatrics, pediatrics, and pregnant patients.

## **Heavy Vehicle Rescue:**

**Mon & Tues- Sept 30<sup>th</sup> & Oct 1<sup>st</sup> 8:30 AM – 4:30 PM- \$330.00 Course # 14203**

This program covers the hazards and challenges of responding to a motor vehicle accident involving a heavy vehicle more commonly referred to as a Big Rig. The topics contained in this program include vehicle stabilization, lifting, and righting. This is a hands-on program working with rescue and recovery equipment.

## **Hydraulic Elevator Emergency Response:**

**Thurs – Oct 3<sup>rd</sup> – 8:30 AM – 4:30 PM - \$125.00**

**Course # 14213**

This one day program will cover responding to and the initial actions to be taken at the scene of an emergency involving a hydraulic elevator. Topics include safety, mechanics of elevator operation, elevator safety devices, and hoistway door keys and pick tools, poling, and the removal of passengers.

## **Machinery Rescue:**

**Fri – Oct 4<sup>th</sup> -8:30 AM - 4:30 PM - \$200.00**

**Course # 14204**

Machine rescue, sometimes referred to as “Man-in-a-Machine” calls are somewhat uncommon. All firefighters should possess some sort of game plan to mitigate a “man in a machine” incident in the safest and most professional manner as possible. When a jumper is impaled on a fence, the pizza boy's arm is caught in the dough mixer or the restaurant worker with his hand in the meat grinder, it's technical rescue, it's specialized rescue and it's happening in every response area throughout the country. This class will start off with the NFPA Standard 1670, for Technical Rescue. The tools and Special Equipment needed to complete this unusual and bizarre type of rescue. The class will consist of case history, Crush Injury/Crush Syndrome and Rescue Operations will be discussed at length. This course includes approximately four hours of lecture and four hours of hands-on training.

## **Open Water Search and Rescue:**

**Mon – Sept. 30<sup>th</sup> -8:30 AM – 4:30 PM - \$35.00**

**Course # 14210**

Presented by the U.S. Coast Guard this program starts by discussing personal protective equipment and a demonstration of the different levels of PPE for use at different temperatures. The program then moves into operational areas that include basic navigation, plotting, and the reading and understanding of charts. Finally the program covers basic searching that includes drifting vs. precision patterns, determining set and drift, and what to do immediately upon arriving on scene. Although the course is designed for open water search and rescue much of the materials presented are relevant to incidents in lakes and rivers.

## **Rescue Technician – Core:**

**Mon-Sat – Sept 30<sup>th</sup> - Oct 5<sup>th</sup> – 8:30 AM – 4:30 PM - \$420.00 Course # 14205**

This course is designed to meet the job performance requirements in chapter 5 of NFPA 1006 Technical Rescuer Professional Qualifications standard. Students will learn the basics of site operations, size-up, resource management, hazard/risk assessment, victim management, ground support for helicopter operations and incident management as it relates to the rescue environment. Students will learn skills to use rope rescue equipment to package victims, anchor rope systems, build and operate lowering and hauling systems in the high and low angle environments. Students will also be able to inspect and maintain related rescue equipment. This program is a prerequisite for all technical rescue certification courses. The PPE requirements are rescue gloves, a protective helmet and footwear.

Prerequisite: Firefighter I, Haz Mat Operational and minimum EMR certification; proof must be submitted with the application.

## **Rural Rope Operations:**

**Tues & Wed – Oct 1<sup>st</sup> & Oct 2<sup>nd</sup> -8:30 AM – 4:30 PM - \$200.00 Course # 14206**

This two day scenario based rope operations class will exercise the technical rope skills of the student in the rural environment. The class will review the basics of ICS related to rescue, rope anchor systems, patient access, team communication, patient packaging, and haul systems. The student should have taken a rope class offered by the Connecticut Fire Academy in the past.

## **The 2013 MTA Commuter Train Collision and Mass Casualty Response:**

**Friday – Oct 4<sup>th</sup> – 8:30 AM –12:00 PM - \$35.00**

**Course # 14211**

This half day class will review the response, triage, command and control considerations, mutual aid coordination and lessons learned from the May 17, 2013 derailment and collision of two Metro North Commuter trains on the Bridgeport/Fairfield town line during a busy Friday night rush hour. The purpose of the class is to provide future incident commanders a snap shot of emergency operations and to discuss model procedures for response to commuter train incidents. Additional discussion will focus on the responding department's participation in the NTSB investigation process which follows. Instructor: Assistant Chief Scott Bisson, Fairfield Fire Department

## **The Principles of Stabilization, Lifting, & Capturing:**

**Thursday – Oct 3<sup>rd</sup> – 8:30 AM –4:30 PM - \$195.00**

**Course # 14209**

Stabilizing, lifting & capturing are the 3 vital components associated with a successful lifting operation. Remove any one of these and the results could be disastrous for the victim & rescuers. This class is designed to provide students with a better understanding of the lifting & stabilization equipment typically used in the fire service. The objective of this class is to understand the 3 aspects of a lifting operation (stabilization, lifting, capturing) and tying them together to insure a positive outcome. The focus will be Hands on Learning as the students rotate through real life scenarios involving motor vehicles, construction equipment, big rigs, & passenger train cars. Students will get plenty of tool time using High & Low pressure airbags, hydraulic jacks, hydraulic rescue tools, Res-q-Jacks, Pneumatic Struts, chain & binders etc.

## **Trench Rescue Operational:**

**Thurs & Fri – Oct 3<sup>rd</sup> & Oct 4<sup>th</sup> – 8:30 AM –4:30 PM - \$225.00 Course # 14207**

This two day class will meet the objectives of NFPA 1670 for trench operational. Students will learn the basics of trench size-up, preparing the rescue area, shoring the trench for entry, and removal of a patient. Students will use both timber and pneumatic shoring to safe the trench for entry.

## **Urban Lead Climber:**

**Mon & Tue – Sept 30<sup>th</sup> & Oct 1<sup>st</sup> – 8:30 AM–4:30 PM - \$280.00 Course # 14208**

This rope rescue class covers incidents where the only way to reach your victim is by climbing up to them. The program starts with a classroom session on different rigging theories and specialized equipment for lead climbing followed by rigging/tool lab that includes tree rescue scenarios. The second day will be out in the field conducting simulated lead climbing type rescues.

**Complete the attached application and return to the Connecticut Fire Academy**

Contact Program Manager, Jim Carroll at 860-264-9268 with any questions or email Jim at: [jim.carroll@ct.gov](mailto:jim.carroll@ct.gov). **Fax your application to: 860-654-1889.**